GRAPHTEC

FC8600 BLADES

UA-Blades are made of a stronger steel and a special blade tip design which gives the blade a longer life compared to U-blades.

	CB09UB	**Angle 45° Diameter 0.9mm** Standard blade for vinyl cutting, and self-adhesive marking film (PVC film), up to 0.25 mm thick. The maximum cutting distance is approximately 13,123 Feet.
	CB09UB-K60	**Angle 30° Diameter 0.9mm** Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	**Angle 45° Diameter 1.5mm** Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15UA	**Angle 45° Diameter 1.5mm** Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15U-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**
	CB15U-K20-2SP	**Angle 80° Diameter 1.5mm** Supersteel Blade recommended for sandblast rubber resist media up to 2.5 mm thick. **Must remove blade spring when use Blade-holders: PHP33-CB15N-HS, PHP35-CB15-HS NOTE: USA 80° Japan 20°**
	CB15UA-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 1.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**
	CT01H	**Cross Cutter** Standard blade
	CT02U	**Cross Cutter** Supersteel Blade

FC8600 BLADE-HOLDERS

Recommended control-panel setting for small-detailed character cutting:
CB15U-K30 **Offset** +2, **Force** 10-14, **Speed** 30 or less, **Acceleration** 4

	PHP31-FIBERSTEADTLER	FIBERSTEADTLER Lumocolor holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UB, CB09UB-K60** 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-K30*, CB15UA, CB15U-K20-2SP, CB15UA-K30** 1.5mm**, red top, black ABS tip.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UB, CB09UB-K60** 0.9mm, blue top, black brass tip. **ATTENTION:** If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS PHP35-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-K30*, CB15UA, CB15U-K20-2SP, CB15UA-K30** 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid and lend to more accurate cutting. **NOTE:** REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring.

* Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm). ** Require to remove spring.

GRAPHTEC

CE6000 BLADES

UA-Blades are made of a stronger steel and a special blade tip design which gives the blade a longer life compared to U-blades.

	CB09UB	**Angle 45° Diameter 0.9mm** Supersteel blade for vinyl cutting, and self-adhesive marking film (PVC film), up to 0.25 mm thick. The maximum cutting distance is approximately 13,123 Feet.
	CB09UB-K60	**Angle 30° Diameter 0.9mm** Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	**Angle 45° Diameter 1.5mm** Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15UA	**Angle 45° Diameter 1.5mm** Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15U-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **Note:** CB15-K30 blade can be used with CE6000 Plus by selecting the CB15U under Tools, then performing a test cut looking for 90 degree corners, if needed adjust by using the offset(see user's manual). The "Other" option can also be chosen as the Tool with the instructions above. **NOTE: USA 60° Japan 30°**

CE6000 BLADE-HOLDERS

Recommended control-panel setting for small-detailed character cutting:
OTHER* **Offset** +31, **Force** 10-14, **Speed** 30 or less, **Acceleration** 2
CE6000-40 Plus, 60 Plus, and 120 Plus only. * CB15U-K30 can not be selected as the tool type. Please select (OTHER) instead.

	PHP31-FIBERSTEADTLER	FIBERSTEADTLER Lumocolor holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UB, CB09UB-K60** Designed for use with 0.9mm CB09UB Blades for vinyl and window tint film cutting. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-K30*, CB15U, CB15UA** For use with 1.5mm** CB15 Blades.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UB, CB09UB-K60** 0.9mm Blade-holder with blue top, and brass tip / for 0.9mm CB09 blades. **ATTENTION:** If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holder, plungers are more rigid and lend to more accurate cuts.
	PHP35-CB15-HS PHP35-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-K30*, CB15U, CB15UA, CB15U-K30** 1.5mm** Blade-holder with red top, and brass tip for CB15 blades. These brass tip blade-holders/plungers are more rigid and lend to more accurate cutting. **NOTE:** Remove CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring.

* Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm). ** Required spring removal.

GRAPHTEC

FC4500 BLADES

UA-Blades are made of a stronger steel and a special blade tip design which gives the blade a longer life compared to U-blades.

	CB09UB	**Angle 45° Diameter 0.9mm** Supersteel blade for vinyl cutting, and self-adhesive marking film (PVC film), up to 0.25 mm thick. The maximum cutting distance is approximately 13,123 Feet.
	CB09UB-K60	**Angle 30° Diameter 0.9mm** Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	**Angle 45° Diameter 1.5mm** Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-2SP CB15U-5SP	**Angle 45° Diameter 1.5mm** Supersteel Blade with spring.
	CB15UA	**Angle 45° Diameter 1.5mm** Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15U-K20-2SP	**Angle 80° Diameter 1.5mm** Supersteel Blade recommended for sandblast rubber resist media up to 2.5 mm thick. **Must remove blade spring when use Blade-holders: PHP33-CB15N-HS, PHP35-CB15-HS NOTE: USA 80° Japan 20°**
	CB15U-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**
	CB15UA-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 1.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**

FC4500 BLADE-HOLDERS

Recommended control-panel setting for small-detailed character cutting:
15UK-30 **Offset** +2, **Force** 10-14, **Speed** 30 or less, **Acceleration** 3

	PHP31-FIBERSTEADTLER	FIBERSTEADTLER Lumocolor holder. **NOTE: Not compatible with FC4500-50**
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60** Designed for use with 0.9mm CB09UB blades for vinyl and window tint film cutting. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U-K30*, CB15U, CB15UA, CB15U-K20-2SP, CB15UA-K30** For use with 1.5mm*** CB15 Blades.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60** 0.9mm Blade-holder with blue top, and brass tip / for 0.9mm CB09 blades. **ATTENTION:** If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holder, plungers are more rigid and lend to more accurate cuts.
	PHP35-CB15-HS PHP35-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-2SP, CB15U-5SP, CB15U-K30*, CB15UA, CB15U-K20-2SP, CB15UA-K30** 1.5mm** Blade-holder with Red Top, and Brass Tip For CB15 Blades. These brass tip blade-holders/plungers are more rigid and lend to more accurate cutting. **NOTE:** REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring.
	PHP71-SHARPIE	This holder with a metal sleeve can be used in the second pen holder for the FC8600, FC8000, FC7000, CE6000, CE5000 and CE3000 series of cutting plotters. This is a specialty SHARPIE PEN HOLDER for use such as in the Counter Top manufacturing industry where there's a need to plot and draw on mylar or similar media.

***** Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm). ****** Require spring removal.

GRAPHTEC
FCX2000 ◢◣◤ BLADES

UA-Blades are made of a stronger steel and a special blade tip design which gives the blade a longer life compared to U-blades.

	CB09UB	**Angle 45° Diameter 0.9mm** Supersteel blade for vinyl cutting, and self-adhesive marking film (PVC film), up to 0.25 mm thick. The maximum cutting distance is approximately 13,123 Feet.
	CB09UB-K60	**Angle 30° Diameter 0.9mm** Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	**Angle 45° Diameter 1.5mm** Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-2SP CB15U-5SP	**Angle 45° Diameter 1.5mm** Supersteel Blade with spring.
	CB15UA	**Angle 45° Diameter 1.5mm** Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15U-K20-2SP	**Angle 80° Diameter 1.5mm** Supersteel Blade recommended for sandblast rubber resist media up to 2.5 mm thick. **Must remove blade spring when use Blade-holders: PHP33-CB15N-HS, PHP35-CB15-HS NOTE: USA 80° Japan 20°**
	CB15U-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**
	CB15UA-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 1.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**
	CB30UC-1	**Angle 45° Diameter 3mm** Supersteel Blade for cutting thick rigid materials such as corrugated paper up to E flute or chip board up to 2 mm thick.
	PM-CB-001	**Angle 30° Diameter 3mm** Supersteel Blade for cutting thick rigid materials such as soft plastic or rubber

FCX2000 ◢◣◤ BLADE-HOLDERS

Recommended control-panel setting for small-detailed character cutting:
15U-K30 **Offset** +2, **Force** 10-14, **Speed** 30 or less, **Acceleration** 3

	PHP31-FIBERSTEADTLER	FIBERSTEADTLER Lumocolor holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60** Designed for use with 0.9mm CB09UB blades for vinyl and window tint film cutting. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U-K30*, CB15U, CB15UA, CB15U-K20-2SP, CB15UA-K30** For use with 1.5mm*** CB15 Blades.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP34-CB30-HS **	**Compatible with blades: CB30UC-1, PM-CB-001**
	PHP35-CB09-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60** 0.9mm Blade-holder with blue top, and brass tip / for 0.9mm CB09 blades. **ATTENTION:** If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holder, plungers are more rigid and lend to more accurate cuts.
	PHP35-CB15-HS PHP35-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-2SP, CB15U-5SP, CB15U-K30*, CB15UA, CB15U-K20-2SP, CB15UA-K30** 1.5mm*** Blade-holder with Red Top, and Brass Tip For CB15 Blades. These brass tip blade-holders/plungers are more rigid and lend to more accurate cutting. **NOTE:** REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring.
	PHP71-SHARPIE	This holder with a metal sleeve can be used in the second pen holder for the FC8600, FC8000, FC7000, CE6000, CE5000 and CE3000 series of cutting plotters. This is a specialty SHARPIE PEN HOLDER for use such as in the Counter Top manufacturing industry where there's a need to plot and draw on mylar or similar media.

* Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm). ** Cutting accuracy is not guaranteed. Be sure to try it before using it. *** Require spring removal.

GRAPHTEC
FCX4000 ◣◣◣▼ BLADES

UA-Blades are made of a stronger steel and a special blade tip design which gives the blade a longer life compared to U-blades.

	CB09UB	**Angle 45° Diameter 0.9mm** Supersteel blade for vinyl cutting, and self-adhesive marking film (PVC film), up to 0.25 mm thick. The maximum cutting distance is approximately 13,123 Feet.
	CB09UB-K60	**Angle 30° Diameter 0.9mm** Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	**Angle 45° Diameter 1.5mm** Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-2SP CB15U-5SP	**Angle 45° Diameter 1.5mm** Supersteel Blade with spring.
	CB15UA	**Angle 45° Diameter 1.5mm** Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15U-K20-2SP	**Angle 80° Diameter 1.5mm** Supersteel Blade recommended for sandblast rubber resist media up to 2.5 mm thick. **Must remove blade spring when use Blade-holders: PHP33-CB15N-HS, PHP35-CB15-HS NOTE: USA 80° Japan 20°**
	CB15U-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**
	CB15UA-K30	**Angle 60° Diameter 1.5mm** Supersteel Blade for cutting rigid media, 0.25 mm to 1.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. **NOTE: USA 60° Japan 30°**

FCX4000 ◣◣◣▼ BLADE-HOLDERS

Recommended control-panel setting for small-detailed character cutting:
15U-K30 **Offset** +2, **Force** 10-14, **Speed** 30 or less, **Acceleration** 3

	PHP31-FIBERSTEADTLER	FIBERSTEADTLER Lumocolor holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60** Designed for use with 0.9mm CB09UB blades for vinyl and window tint film cutting. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U-K30*, CB15U, CB15UA, CB15U-K20-2SP, CB15UA-K30** For use with 1.5mm** CB15 Blades.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60** 0.9mm Blade-holder with blue top, and brass tip / for 0.9mm CB09 blades. **ATTENTION:** If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holder, plungers are more rigid and lend to more accurate cuts.
	PHP35-CB15-HS PHP35-CB15N-HS SPRING BUILT-IN TYPE	**Compatible with blades: CB15U, CB15U-2SP, CB15U-5SP, CB15U-K30*, CB15UA, CB15U-K20-2SP, CB15UA-K30** 1.5mm** Blade-holder with Red Top, and Brass Tip For CB15 Blades. These brass tip blade-holders/plungers are more rigid and lend to more accurate cutting. **NOTE:** REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring.
	PHP71-SHARPIE	This holder with a metal sleeve can be used in the second pen holder for the FC8600, FC8000, FC7000, CE6000, CE5000 and CE3000 series of cutting plotters. This is a specialty SHARPIE PEN HOLDER for use such as in the Counter Top manufacturing industry where there's a need to plot and draw on mylar or similar media.

* Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm). ** Require spring removal.